



Department of Commerce

Safety & Buildings Division

201 West Washington Avenue

P.O. Box 2658

Madison, WI 53701-2658

Approval #

200005-H

Wisconsin Material Approval

Material

Hot Water Boilers

Manufacturer

Weil-McLain
A United Dominion Company,
500 Blaine Street
Michigan City, IN 46360

SCOPE OF EVALUATION

The Gold CGs Series Natural and Propane gas-fired hot water boilers, manufactured by Weil-McLain, were evaluated for use as direct-vent sealed combustion chamber appliances conforming to in accordance with **ss. COMM 51.01(29a)** and **COMM 64.21** under the current edition of the Wisconsin Administrative Building and Heating, Ventilating and Air Conditioning Code.

DESCRIPTION AND USE

The Gold CGs Series, Natural or Propane gas-fired, are cast iron sectional, low-pressure, hot water heating boiler. The units consist of tubular-type stainless steel main burners, hot water temperature limit control, 30 psig relief valve, induced draft, and sealed combustion.

The following models are covered by this approval:

Trade Name: CGs

CGs(-3- , -4- , -5- , -6-)(PIN , PIL)

For installation on combustible flooring BUT, NEVER ON CARPETING.

Note: PIN = Natural Gas-Fired and PIL = Propane Gas

TEST RESULTS

The boilers were evaluated in accordance with the standard for direct-vent gas boilers, ANSI Z21.13 and with the portions of ANSI Z21.47 pertaining to the direct-vent system by American Gas Association Laboratories and were found to be acceptable to be covered under the AGA certification service.

LIMITATIONS OF APPROVAL

The boiler models covered by this approval meet the definition of a direct-vent sealed combustion chamber appliance specified in s. **COMM 51.01(29a)** and may be installed as allowed in s. **COMM 64.21**.

The boilers are approved for installation in residential and commercial applications. However, **installation in residential garages is prohibited.**

The boilers may be vented through the roof or the side wall. The boilers shall **not** be vented in a common vent with any other appliance.

The CGs boilers require a special vent system, designed for pressurized venting. Model CGs-3 is rated ANSI Z21.13 Category IV (pressurized vent, likely to condense in the vent). Models CGs-4, -5 and -6 are rated Z21.13 Category III (pressurized vent).

The boilers shall be installed in accordance with their listing and the manufacturer's recommendations. **THE MANUFACTURERS' INSTALLATION MANUAL SHALL BE CONSULTED BEFORE INSTALLING THESE BOILERS.**

Architectural and mechanical plans and specifications shall be submitted in accordance with the requirements outlined in ss. **COMM 50.07** and **50.12** as stated in s. **COMM 63.01**.

This approval will be valid through December 31, 2004, unless manufacturing modifications are made to the product or a re-examination is deemed necessary by the department. The Wisconsin Material Approval number must be provided when plans that include this product are submitted for review.

DISCLAIMER

The department is in no way endorsing or advertising this product. This approval addresses only the specified applications for the product and does not waive any code requirement not specified in this document.

Reviewed by: _____

Approval Date: _____ By: _____

Lee Finley, Jr.
Product/Material & Building Plan Review
Integrated Services Bureau

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